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# VETERINARY BIOLOGICAL PRODUCTS:

## ■ Licensees

Prepared by Veterinary Services  
Animal and Plant Health Inspection Service  
UNITED STATES DEPARTMENT OF AGRICULTURE  
Hyattsville, Maryland 20782

## INTRODUCTION

This publication contains lists of licensed establishments and licensees with their subsidiaries and divisions as well as a list of the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment by license number.

A numerical listing of licensed establishments by license number identifies each licensee, subsidiary, and division authorized to do business in the establishment.

Under the listing of licensed biological products, the principal part of the true names are underlined. Various forms of the product are indicated by modifying phrases, and each form is assigned a code number by Veterinary Services. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The numbering system used for product codes provides for a number to be assigned to each product; i.e., first digit denotes product type; second and third - grouping by agents; fourth - state of product; fifth - menstrum; and sixth - miscellaneous variables.

A new 4000 series section has been added to this booklet designated Vaccines with Bacterins/Toxoids. This addition was necessary because of heavy licensing activity in the 1000 series. We have removed all vaccine products combined with bacterin or toxoid and transferred them to this new 4000 series. For informational purposes the old code number appears in parentheses under the new code number.

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## ALPHABETICAL LISTING

## LICENSEES - SUBSIDIARIES - DIVISIONS

	LICENSE NUMBER
ABBOTT LABORATORIES	243, 243A
ACME LABORATORIES, INC.	266
AG-VET BIO'S, INC.	124
AGRI BIO CORP.	269
AGRI-MART DIVISION	272
ALCON LABORATORIES, INC.	259
AMATEX LABORATORIES, INC.	227
AMERICAN HOME PRODUCTS CORPORATION	112, 112A, 112B
AMERICAN SCIENTIFIC LABORATORIES	165
AMERICANA LABORATORIES, INC.	188
AMERLAB, INC.	234
ANCHOR LABORATORIES, INC.	124
APEX LABORATORIES, INC.	124
BANDY LABORATORIES	227
BAYVET	52
BEECHAM LABORATORIES	225
BEECHAM, INC.	225
BI VET LABORATORIES, INC.	227
BIO VAC., INC.	124
BIO-CEUTIC LABORATORIES, INC.	124
BIOLOGICAL SPECIALTIES	245, 245A
BIOLOGICS CORPORATION	272
BIOLOGICS PRODUCTION, INC.	240



	LICENSE NUMBER
BRADLEY PRODUCTS COMPANY	251
BURNS-BIOTEC LABORATORIES	251
BURROUGHS WELLCOME CO.	115
CENTER LABORATORIES, INC.	259
CHROMALLOY ANIMAL HEALTH	251
CHROMALLOY PHARMACEUTICAL, INC.	251
COLORADO SERUM COMPANY	188
CONTINENTAL PHARMACAL COMPANY	188
COOKE INSTRUMENTS AG	273
COOKE INSTRUMENTS LTD.	273
COOKE LABORATORY PRODUCTS	273
COOKE LABORATORY PRODUCTS (PTE) LTD.	273
COOKE PRODUKTE AG	273
CUSTOM BIOLOGICS, INC.	272
CUTTER LABORATORIES, INC.	52
DAMON CORPORATION	196
DEKALB AG RESEARCH, INC.	271
DELLEN LABORATORIES, INC.	272
DENVER COLORADO LABORATORIES, INC.	188
DIAMOND LABORATORIES, INC.	213
DOME LABORATORIES	270
DOUGLAS INDUSTRIES, INC.	266
DOUGLAS LABORATORIES, INC.	266
DOUGLAS VETERINARY PRODUCTS, INC.	266
DURVET LABORATORIES	272



	LICENSE NUMBER
DYNATECH LABORATORIES	273
EMPIRE VETERINARY COMPANY	188
FORT DODGE LABORATORIES, INC.	112, 112A, 112B
FRANKLIN LABORATORIES, INC.	112, 112A, 112B
FROMM LABORATORIES, INC.	195, 195A
INTERNATIONAL, INC.	188
INTERSTATE BIOLOGIC CORP.	269
ITX CORPORATION	234
JENSEN-SALSBERY LABORATORIES	107
JOHNSON & JOHNSON	264, 264A
KENELAB, DIVISION AMERLAB, INC.	234
LONG ISLAND DUCK RESEARCH COOPERATIVE, INC.	268
MAAG BIOLOGICS, DIVISION AMERLAB, INC.	234
MAINE BIOLOGICAL LABORATORIES, INC.	240
MERCK & COMPANY, INC.	3
MERCK CHEMICAL DIVISION	3
MERCK SHARP & DOHME INTERNATIONAL	3
METROPOLITAN MEDICAL COMPANY	188
MILES LABORATORIES, INC.	270
MILES VETERINARY DIVISION	270
MOGUL CORPORATION, THE	245, 245A
MYZON LABORATORIES, INC.	213
NATION, INC.	227
NORDEN LABORATORIES	189
PHILIPS ROXANE, INC.	124

	LICENSE NUMBER
PITMAN-MOORE, INC.	264, 264A
PROFESSIONAL BIOLOGICAL COMPANY	188
RICHARDSON-MERRELL, INC.	107
ROLYNN LABORATORIES, INC.	266
SALSBURY LABORATORIES	195, 195A
SCHERAMEX (MEXICO)	165
SCHERING CORPORATION	165
SCHERING LIMITED (CANADA)	165
SCHERING-PLOUGH INTERNATIONAL DIVISION	165
SCIENTIFIC LABORATORIES, INC.	188
SMITHKLINE ANIMAL HEALTH PRODUCTS	189
SMITHKLINE CORPORATION	189
SOUTHWESTERN LABORATORIES, INC.	213
STERLING DRUG, INC.	226, 226A
STERWIN LABORATORIES, INC.	226, 226A
SYNTEX AGRIBUSINESS, INC.	213
TAVOLEK, INC.	264, 264A
TRANS WORLD LABORATORIES, INC.	213
TRI-BIO LABORATORIES, INC.	275
UNITED ANIMAL SCIENCE	245, 245A
UNIVERSAL LABORATORIES, INC.	188
VINELAND LABORATORIES, INC.	196
WELLCOME VACCINES DIVISION	115
WHITMOYER LABORATORIES, INC.	225
WILDLIFE VACCINES, INC.	277

LICENSE  
NUMBER

WYETH INTERNATIONAL LIMITED

112, 112A, 112B

WYETH VETERINARY PRODUCTS, INC.

112, 112A, 112B

NUMERICAL LISTING  
OF  
ESTABLISHMENTS

LICENSE  
NUMBER

MERCK & COMPANY, INC.

3

DIVISIONS:

MERCK CHEMICAL DIVISION

MERCK SHARP & DOHME INTERNATIONAL

MAIL: MERCK SHARP & DOHME

DIVISION OF MERCK & CO., INC.

WEST POINT, PENNSYLVANIA 19486

CUTTER LABORATORIES, INC.

52

DIVISION:

BAYVET

MAIL: BAYVET DIVISION

CUTTER LABORATORIES, INC.

P. O. BOX 390

SHAWNEE MISSION, KANSAS 66201

RICHARDSON-MERRELL, INC.

107

DIVISIONS:

JENSEN-SALSBERY LABORATORIES

MAIL: JENSEN-SALSBERY LABORATORIES

P. O. BOX 167

KANSAS CITY, MISSOURI 64141

AMERICAN HOME PRODUCTS CORPORATION

112

SUBSIDIARIES:

FORT DODGE LABORATORIES, INC.

FRANKLIN LABORATORIES, INC.

WYETH INTERNATIONAL LIMITED

WYETH VETERINARY PRODUCTS, INC.

MAIL: FORT DODGE LABORATORIES, INC.

800 FIFTH STREET N.W.

FORT DODGE, IOWA 50501

AMERICAN HOME PRODUCTS CORPORATION

112A

SUBSIDIARIES:

FORT DODGE LABORATORIES, INC.

FRANKLIN LABORATORIES, INC.

WYETH INTERNATIONAL LIMITED

WYETH VETERINARY PRODUCTS, INC.

MAIL: FRANKLIN LABORATORIES, INC.

P.O. BOX 669

AMARILLO, TEXAS 79105

AMERICAN HOME PRODUCTS CORPORATION

1128

SUBSIDIARIES:

FORT DODGE LABORATORIES, INC.

FRANKLIN LABORATORIES, INC.

WYETH INTERNATIONAL LIMITED

WYETH VETERINARY PRODUCTS, INC.

MAIL: WYETH LABORATORIES, INC.

WASP & BIDDLE STREETS

MARIETTA, PENNSYLVANIA 17547

BURROUGHS WELLCOME CO.

115

DIVISION:

WELLCOME VACCINES DIVISION

MAIL: WELLCOME VACCINES DIVISION

BURROUGHS WELLCOME CO.

5030 YORK STREET

DENVER, COLORADO 80216

PHILIPS ROXANE, INC.

124

SUBSIDIARIES:

AG-VET BIO'S, INC.

APEX LABORATORIES, INC.

BIO VAC., INC.

DIVISIONS:

ANCHOR LABORATORIES, INC.

BIO-CEUTIC LABORATORIES, INC.

MAIL: 2621 NORTH BELT HIGHWAY

ST. JOSEPH, MISSOURI 64502

SCHERING CORPORATION

165

DIVISIONS:

AMERICAN SCIENTIFIC LABORATORIES

SCHERAMEX (MEXICO)

SCHERING LIMITED (CANADA)

SCHERING-PLOUGH INTERNATIONAL DIVISION

MAIL: AMERICAN SCIENTIFIC LABORATORIES

SCHERING CORPORATION

P.O. BOX 7130

MADISON, WISCONSIN 53707

COLORADO SERUM COMPANY	188
SUBSTIDIARIES:	
AMERICANA LABORATORIES, INC.	
CONTINENTAL PHARMACAL COMPANY	
DENVER COLORADO LABORATORIES, INC.	
EMPIRE VETERINARY COMPANY	
INTERNATIONAL, INC.	
METROPOLITAN MEDICAL COMPANY	
PROFESSIONAL BIOLOGICAL COMPANY	
SCIENTIFIC LABORATORIES, INC.	
UNIVERSAL LABORATORIES, INC.	
MAIL: 4950 YORK STREET	
DENVER, COLORADO 80216	
SMITHKLINE CORPORATION	189
SUBSIDIARY:	
NORDEN LABORATORIES	
DIVISION:	
SMITHKLINE ANIMAL HEALTH PRODUCTS	
MAIL: NORDEN LABORATORIES	
P.O. BOX 80809	
LINCOLN, NEBRASKA 68501	
SALSRURY LABORATORIES	195
SUBSIDIARY:	
FROMM LABORATORIES, INC.	
MAIL: 2000 ROCKFORD ROAD	
CHARLES CITY, IOWA 50616	
SALSRURY LABORATORIES	195A
SUBSIDIARY:	
FROMM LABORATORIES, INC.	
MAIL: FROMM LABORATORIES, INC.	
703 LAKE SHORE ROAD	
GRAFTON, WISCONSIN 53024	
DAMON CORPORATION	196
DIVISION:	
VINELAND LABORATORIES, INC.	
MAIL: 2285 EAST LANDIS AVENUE	
VINELAND, NEW JERSEY 08360	

SYNTEX AGRIBUSINESS, INC.

213

SUBSIDIARIES:

DIAMOND LABORATORIES, INC.

MYZON LABORATORIES, INC.

SOUTHWESTERN LABORATORIES, INC.

TRANS WORLD LABORATORIES, INC.

MAIL: P. O. BOX 863

DES MOINES, IOWA 50304

BEECHAM, INC.

225

SUBSIDIARY:

WHITMOYER LABORATORIES, INC.

DIVISION:

BEECHAM LABORATORIES

MAIL: BEECHAM LABORATORIES

P. O. BOX 221

WHITE HALL, ILLINOIS 62092

STERLING DRUG, INC.

226

SUBSIDIARY:

STERWIN LABORATORIES, INC.

MAIL: P. O. BOX 537

MILLSBORO, DELAWARE 19966

STERLING DRUG, INC.

226A

SUBSIDIARY:

STERWIN LABORATORIES, INC.

MAIL: P. O. BOX 999

OPELIKA, ALABAMA 36801

BANDY LABORATORIES

227

SUBSIDIARIES:

AMATEX LABORATORIES, INC.

BI VET LABORATORIES, INC.

NATION, INC.

MAIL: P. O. BOX 727

TEMPLE, TEXAS 76501



ITX CORPORATION SUBSIDIARY: AMERLAB, INC. DIVISIONS: KENELAB, DIVISION AMERLAB, INC. MAAG BIOLOGICS, DIVISION AMERLAB, INC. MAIL: 1805 TAPAWINGO DRIVE GAINESVILLE, GEORGIA 30501	234
MAINE BIOLOGICAL LABORATORIES, INC. SUBSIDIARY: BIOLOGICS PRODUCTION, INC. MAIL: P. O. BOX 255 WATERVILLE, MAINE 04901	240
ABBOTT LABORATORIES MAIL: ABBOTT BIOLOGICAL LABORATORIES P. O. BOX 6 BERLIN, MARYLAND 21811	243
ABBOTT LABORATORIES MAIL: ABBOTT BIOLOGICAL LABORATORIES 12300 SANTA FE DRIVE LENEXA, KANSAS 66215	243A
MOGUL CORPORATION, THE DIVISIONS: BIOLOGICAL SPECIALTIES UNITED ANIMAL SCIENCE MAIL: 7819 AIRPORT ROAD MIDDLETON, WISCONSIN 53562	245
MOGUL CORPORATION, THE DIVISIONS: BIOLOGICAL SPECIALTIES UNITED ANIMAL SCIENCE MAIL: 255 ELLIOTT STREET COUNCIL BLUFFS, IOWA 51501	245A

CHROMALLOY PHARMACEUTICAL, INC.

251

DIVISIONS:

BURNS-BIOTEC LABORATORIES

BRADLEY PRODUCTS COMPANY

CHROMALLOY ANIMAL HEALTH

MAIL: BURNS-BIOTEC LABORATORIES DIVISION

CHROMALLOY PHARMACEUTICAL, INC.

P. O. BOX 3113

OMAHA, NEBRASKA 68103

ALCON LABORATORIES, INC.

259

SUBSIDIARY:

CENTER LABORATORIES, INC.

MAIL: P. O. BOX 1959

FORT WORTH, TEXAS 76101

JOHNSON & JOHNSON

264

SUBSIDIARIES:

PITMAN-MOORE, INC.

TAVOLEK, INC.

MAIL: PITMAN-MOORE, INC.

P. O. BOX 344

WASHINGTON CROSSING, NEW JERSEY 08560

JOHNSON & JOHNSON

264A

SUBSIDIARIES:

PITMAN-MOORE, INC.

TAVOLEK, INC.

MAIL: TAVOLEK, INC.

P. O. BOX 184

TITUSVILLE, NEW JERSEY 08560

DOUGLAS INDUSTRIES, INC.

266

SUBSIDIARIES:

ACME LABORATORIES, INC.

DOUGLAS LABORATORIES, INC.

DOUGLAS VETERINARY PRODUCTS, INC.

ROLYNN LABORATORIES, INC.

MAIL: 8906 ROSEHILL ROAD

LENEXA, KANSAS 66215

- LONG ISLAND DUCK RESEARCH COOPERATIVE, INC. 268  
MAIL: Long Island Duck Research Cooperative, Inc.  
Old Country Road  
P.O. Box 217  
Eastport, New York 11941
- AGRI BIO CORP. 269  
SUBSIDIARY:  
INTERSTATE BIOLOGIC CORP.  
MAIL: P. O. BOX 280  
ITHACA, NEW YORK 14850
- MILES LABORATORIES, INC. 270  
DIVISIONS:  
DOME LABORATORIES  
MILES VETERINARY DIVISION  
MAIL: DOME LABORATORIES  
400 MORGAN LANE  
WEST HAVEN, CONNECTICUT 06516
- DEKALB AG RESEARCH, INC. 271  
MAIL: SYCAMORE ROAD  
DEKALB, ILLINOIS 60115
- BIOLOGICS CORPORATION 272  
DIVISIONS:  
AGRI-MART DIVISION  
CUSTOM BIOLOGICS, INC.  
DELLEN LABORATORIES, INC.  
DURVET LABORATORIES  
MAIL: DELLEN LABORATORIES, INC.  
DIVISION OF BIOLOGICS CORPORATION  
8445 LAKE STREET  
OMAHA, NEBRASKA 68134
- DYNATECH LABORATORIES 273  
DIVISIONS:  
COOKE INSTRUMENTS AG  
COOKE INSTRUMENTS LTD.  
COOKE LABORATORY PRODUCTS  
COOKE LABORATORY PRODUCTS (PTE) LTD.  
COOKE PRODUKTE AG  
MAIL: 900 SLATERS LANE  
ALEXANDRIA, VIRGINIA 22314

LICENSE  
NUMBER

TRI-BIO LABORATORIES, INC.  
MAIL: 1400 FOX HILL ROAD  
STATE COLLEGE, PENNSYLVANIA 16801

275

WILDLIFE VACCINES, INC.  
MAIL: 11475 W. 48TH AVENUE  
WHEAT RIDGE, CO. 80033

277

## LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

## VACCINES AND VIRUSES

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ANAPLASMOSIS VACCINE</u>	
1005.50	KILLED BOVINE ORIGIN	112
	<u>ANTHRAX SPORE VACCINE</u>	
1011.00	NONENCAPSULATED LIVE CULTURE	52, 107, 188
	<u>AVIAN ENCEPHALOMYELITIS VACCINE</u>	
1051.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196
1051.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN LYOPHILIZED	196, 226, 243, 269
1055.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
	<u>BLUETONGUE VACCINE</u>	
1061.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	188
	<u>BOVINE RHINOTRACHEITIS VACCINE</u>	
1101.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	3, 52, 107, 112, 112A, 124, 188, 213, 225, 243A, 251, 264

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CONTINUED</u>		
<u>BOVINE RHINOTRACHEITIS VACCINE</u>		
1101.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 225
1101.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1101.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
<u>BOVINE RHINOTRACHEITIS- PARAINFLUENZA 3 VACCINE</u>		
1121.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 112, 188, 213, 225, 243A, 251, 264
1121.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	264
1121.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1121.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
1121.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	52
1125.00	KILLED VIRUS TISSUE CULTURE ORIGIN	112
<u>BOVINE RHINOTRACHEITIS- VIRUS DIARRHEA VACCINE</u>		
1151.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	188, 213, 243A, 264
1151.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107, 124, 189

## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA-PARAINFLUENZA 3  
VACCINE

1171.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	124, 188, 213, 243A, 264
1171.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	272
1171.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN	124, 189

BOVINE VIRUS DIARRHEA VACCINE

1201.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	112, 124, 188, 189, 213, 243A, 251, 264
1201.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107

BRONCHITIS VACCINE

1231.11	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240
1231.12	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196, 226, 240, 243
1231.14	MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	243
1231.17	MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165
1231.18	MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196



## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

BRUCELLA ABORTUS VACCINE

1251.00

STRAIN 19  
LIVE CULTURE

52, 107, 115, 188

BURSAL DISEASE VACCINE

1271.00

LIVE VIRUS  
TISSUE CULTURE ORIGIN

269

1271.01

LIVE VIRUS  
TISSUE CULTURE ORIGIN

269

1271.10

LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

226

1271.11

MODIFIED LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

226

BURSAL DISEASE-MAREK'S DISEASE  
VACCINE

1288.40

MODIFIED LIVE AND  
LIVE TURKEY HERPESVIRUS  
CHICKEN EMBRYO AND  
TISSUE CULTURE ORIGIN  
CELL ASSOCIATED  
COMBINATION PACKAGE

226

1288.41

MODIFIED LIVE AND  
  
CHICKEN EMBRYO AND  
TISSUE CULTURE ORIGIN  
CELL FREE  
COMBINATION PACKAGE

226

CANINE ADENOVIRUS TYPE 2  
VACCINE

1291.20

MODIFIED LIVE VIRUS  
CELL LINE ORIGIN

189

## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

CANINE ADENOVIRUS TYPE 2-  
PARAINFLUENZA VACCINE

12N1.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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CANINE DISTEMPER VACCINE

1301.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 195A, 225, 251
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1301.09	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN FERRET VIRULENT	195A
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1301.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 189, 264, 272
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1301.59	MODIFIED LIVE VIRUS FERRET ORIGIN FERRET VIRULENT	195A
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CANINE DISTEMPER-ADENOVIRUS  
TYPE 2 VACCINE

13A1.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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CANINE DISTEMPER-ADENOVIRUS  
TYPE 2-PARAINFLUENZA VACCINE

13C1.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
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CANINE DISTEMPER-HEPATITIS  
VACCINE

1311.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 112, 195A, 213, 225, 243A, 251
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CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CONTINUED</u>		
<u>CANINE DISTEMPER-HEPATITIS VACCINE</u>		
1311.09	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN FERRET VIRULENT	195A
1311.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 124, 189, 213, 227, 264, 272
1311.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	227
1311.40	MODIFIED LIVE VIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN	188
<u>CANINE DISTEMPER-MEASLES VACCINE</u>		
1351.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
<u>CANINE HEPATITIS VACCINE</u>		
1361.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
1361.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
<u>CANINE DISTEMPER-HEPATITIS- PARAINFLUENZA VACCINE</u>		
1381.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
1381.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	107, 189, 264, 272

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CANINE HOOKWORM VACCINE</u>	
1411.00	MODIFIED LIVE LARVAE CANINE ORIGIN	107
	<u>CANINE PARAINFLUENZA VACCINE</u>	
1421.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
1421.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189, 264, 272
	<u>COCCIDIOSIS VACCINE</u>	
1431.50	LIVE OOCYSTS CHICKEN ORIGIN	226A
	<u>DISTEMPER VACCINE - MINK</u>	
1451.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165, 245
1451.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165, 245
1451.02	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165
	<u>DUCK VIRUS ENTERITIS VACCINE</u>	
1461.10	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	268
	<u>DUCK VIRUS HEPATITIS VACCINE</u>	
1481.10	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	268

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>ENCEPHALOMYELITIS VACCINE</u>		
1475.00	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE ORIGIN	52, 107, 112, 188, 189, 227
1475.01	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE ORIGIN	112
1481.00	VENEZUELAN MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 189
1485.33	EASTERN WESTERN VENEZUELAN KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107
<u>EQUINE INFLUENZA VACCINE</u>		
1505.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN AQUEOUS	112, 189
1505.11	KILLED VIRUS CHICKEN EMBRYO ORIGIN EMULSIFIED	52, 112
<u>EQUINE RHINOPNEUMONITIS VACCINE</u>		
1521.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189
1521.50	LIVE VIRUS HAMSTER ORIGIN	112

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE VACCINE</u>	
1541.00	AVIRULENT LIVE CULTURE	52, 112, 124, 189
	<u>FELINE PANLEUKOPENIA VACCINE</u>	
1561.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A, 213, 225, 264
1561.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN LIQUID	225
1561.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 272
1561.21	MODIFIED LIVE VIRUS CELL LINE ORIGIN LIQUID	272
1565.00	KILLED VIRUS TISSUE CULTURE ORIGIN	107, 112, 195A, 225, 243A, 251, 264
1565.20	KILLED VIRUS CELL LINE ORIGIN	189, 266, 272
1565.50	KILLED VIRUS FELINE ORIGIN	112, 227
	<u>FELINE PNEUMONITIS VACCINE</u>	
1581.10	MODIFIED LIVE CHLAMYDIA CHICKEN EMBRYO ORIGIN	195A
	<u>FELINE RHINOTRACHEITIS VACCINE</u>	
16A1.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A, 225
16A1.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	264

FELINE RHINOTRACHEITIS-  
PANLEUKOPENIA VACCINE

1688.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	225
1689.00	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	225
1689.30	MODIFIED LIVE AND KILLED VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	264

FELINE RHINOTRACHEITIS-CALICI  
VACCINE

16C1.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
16C1.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	124, 189, 264, 272
16C1.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	225

FELINE RHINOTRACHEITIS-CALICI-  
PANLEUKOPENIA VACCINE

16D1.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	195A
16D1.30	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN	264



CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CONTINUED</u> <u>FELINE RHINOTRACHEITIS-CALICI-</u> <u>PANLEUKOPENIA VACCINE</u>	
16D8.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
16D8.30	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	225
16D9.20	MODIFIED LIVE AND KILLED VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
16D9.30	MODIFIED LIVE AND KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	225, 264
	<u>FELINE RHINOTRACHEITIS-CALICI-</u> <u>PANLEUKOPENIA-PNEUMONITIS</u> <u>VACCINE</u>	
16E1.40	MODIFIED LIVE VIRUS AND CHLAMYDIA TISSUE CULTURE AND CHICKEN EMBRYO ORIGIN	195A
	<u>FELINE RHINOTRACHEITIS-CALICI-</u> <u>PNEUMONITIS VACCINE</u>	
16F1.40	MODIFIED LIVE VIRUS AND CHLAMYDIA TISSUE CULTURE AND CHICKEN EMBRYO ORIGIN	195A
	<u>FOWL LARYNGOTRACHEITIS VACCINE</u>	
1601.01	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	165

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CONTINUED</u>		
<u>FOWL LARYNGOTRACHEITIS VACCINE</u>		
1601.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 196, 243
1601.11	MODIFIED LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196, 226, 243
1601.12	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165
<u>FOWL POX VACCINE</u>		
1621.00	LIVE VIRUS TISSUE CULTURE ORIGIN	165, 196, 226, 269
1621.01	LIVE VIRUS TISSUE CULTURE ORIGIN	269
1621.10	LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 243
1621.11	LIVE VIRUS CHICKEN EMBRYO ORIGIN	195
<u>FOX ENCEPHALITIS VACCINE</u>		
1635.20	KILLED VIRUS CELL LINE ORIGIN	245A
<u>MAREK'S DISEASE VACCINE</u>		
1641.00	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL ASSOCIATED	3, 195, 196, 226, 234, 269, 271, 275
1641.01	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL FREE	3, 165, 195, 196, 226, 243, 269, 271, 275
1641.02	LIVE TURKEY HERPESVIRUS TISSUE CULTURE ORIGIN CELL FREE FROZEN	195

## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

MEASLES VACCINE

1661.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	124, 213
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MINK ENTERITIS VACCINE

1685.00	KILLED VIRUS TISSUE CULTURE ORIGIN	245
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NEWCASTLE DISEASE VACCINE

1705.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
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1711.10	B1 TYPE B1 STRAIN LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243
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1721.10	B1 TYPE LASOTA STRAIN LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243
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NEWCASTLE DISEASE-AVIAN  
ENCEPHALOMYELITIS VACCINE

1745.10	KILLED VIRUS CHICKEN EMBRYO ORIGIN	240
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NEWCASTLE-BRONCHITIS VACCINE

1761.1A	B1 TYPE B1 STRAIN MASS & JMK TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	226
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1761.11	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 195, 196, 226, 240, 243
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## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

## CONTINUED

NEWCASTLE-BRONCHITIS VACCINE

1761.12	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196, 240, 243
1761.13	B1 TYPE B1 STRAIN CONN TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195
1761.14	B1 TYPE B1 STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 226
1761.17	B1 TYPE B1 STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 196, 243
1761.18	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196, 226
1761.19	B1 TYPE B1 STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	226, 243
1771.11	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 196, 240

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CONTINUED</u>	
	<u>NEWCASTLE-BRONCHITIS VACCINE</u>	
1771.12	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	195, 243
1771.14	B1 TYPE LASOTA STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	226
1771.17	B1 TYPE LASOTA STRAIN MASS & CONN TYPES LIVE VIRUS CHICKEN EMBRYO ORIGIN	165, 243
1771.18	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	196, 226
1771.19	B1 TYPE LASOTA STRAIN MASS TYPE LIVE VIRUS CHICKEN EMBRYO ORIGIN	226, 243
	<u>OVINE ECTHYMA VACCINE</u>	
1821.00	LIVE VIRUS TISSUE CULTURE ORIGIN	188
1821.50	LIVE VIRUS OVINE ORIGIN	52, 112A
	<u>PARAINFLUENZA 3 VACCINE</u>	
1841.00	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	107, 188, 225

PASTEURELLA MULTOCIDA VACCINE

1871.01 LIVE AVIAN ISOLATE 234

1871.05 LIVE AVIAN ISOLATE 196  
LIQUID

PIGEON POX VACCINE

1881.10 LIVE VIRUS 165, 196, 226, 243  
CHICKEN EMBRYO ORIGIN

1881.11 LIVE VIRUS 196  
CHICKEN EMBRYO ORIGIN  
PIGEONS ONLY

PSEUDORABIES VACCINE

1891.20 MODIFIED LIVE VIRUS 189  
CELL LINE ORIGIN

1895.00 KILLED VIRUS 195  
TISSUE CULTURE ORIGIN

RABIES VACCINE

1901.03 MODIFIED LIVE VIRUS 107, 124, 264  
TISSUE CULTURE ORIGIN  
HIGH CELL PASSAGE  
SAD STRAIN

1901.05 MODIFIED LIVE VIRUS 124  
TISSUE CULTURE ORIGIN  
HIGH CELL PASSAGE  
SAD STRAIN  
FOR USE IN DOGS ONLY

1901.11 MODIFIED LIVE VIRUS 195A, 234  
CHICKEN EMBRYO ORIGIN  
LOW EGG PASSAGE  
FLURY STRAIN

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CONTINUED</u> <u>RABIES VACCINE</u>	
1901.22	MODIFIED LIVE VIRUS CELL LINE ORIGIN HIGH EGG PASSAGE FLURY STRAIN	189
1901.24	MODIFIED LIVE VIRUS CELL LINE ORIGIN HIGH CELL PASSAGE KISSLING STRAIN	225
1905.00	KILLED VIRUS TISSUE CULTURE ORIGIN	107
1905.20	KILLED VIRUS CELL LINE ORIGIN	225
1905.50	KILLED VIRUS CAPRINE ORIGIN	227
1905.51	KILLED VIRUS MURINE ORIGIN	266
1905.55	KILLED VIRUS MURINE ORIGIN	266
	<u>REO VIRAL CALF DIARRHEA</u> <u>VACCINE</u>	
1921.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
	<u>REO-CORONA VIRAL CALF DIARRHEA</u> <u>VACCINE</u>	
1931.20	MODIFIED LIVE VIRUS CELL LINE ORIGIN	189
	<u>STREPTOCOCCUS GROUP E VACCINE</u>	
1941.00	AVIRULENT LIVE CULTURE	112



## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

TENOSYNOVITIS VACCINE

1951.10

LIVE VIRUS  
CHICKEN EMBRYO ORIGIN

226

TRANSMISSIBLE GASTROENTERITIS  
VACCINE

1961.00

MODIFIED LIVE VIRUS  
TISSUE CULTURE ORIGIN

213

WART VACCINE

1985.50

KILLED VIRUS  
BOVINE ORIGIN52, 112, 112A, 124,  
188, 189, 213, 243A,  
251

# BACTERINS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
	<u>AUTOGENOUS BACTERIN</u>				
2051.00	AVIAN ISOLATES AQUEOUS	112, 226A	188,	195,	196,
2051.01	BOVINE ISOLATES AQUEOUS	112, 225	188,	195,	213,
2051.02	PORCINE ISOLATES AQUEOUS	112, 225	188,	195,	213,
2051.03	OTHER SPECIES ISOLATES AQUEOUS	112, 225,	188, 245	195,	213,
2051.10	AVIAN ISOLATES EMULSIFIED	195,	196,	226A,	240
	<u>BORDETELLA BRONCHISEPTICA BACTERIN</u>				
2100.00		251			
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN</u>				
2401.00		52, 124, 243A,	107, 188,	112A, 213,	115, 225,
2401.01		124			
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- LEPTOSPIRA POMONA BACTERIN</u>				
2408.00		107,	124		
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN</u>				
2460.00		52, 188,	107, 213,	112A, 225,	124, 272

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
2461.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- PASTEURELLA MULTOCIDA BACTERIN</u>	188, 243A
2465.00	<u>CLOSTRIDIUM HAEMOLYTICA BACTERIN</u>	52, 107, 112A, 115, 124
2465.01		107, 213
2633.00	<u>CORYNEBACTERIUM PYOGENES- PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN</u>	52, 112, 112A, 213, 225
2635.00	<u>CORYNEBACTERIUM PYOGENES- PASTEURELLA MULTOCIDA- SALMONELLA CHOLERAESUIS BACTERIN</u>	112, 213, 225
2638.00	<u>ENTERIC REDMOUTH BACTERIN</u>	277
2641.00	<u>ERYSIPELOTHRIX RHUSIOPATHIAE BACTERIN</u>	52, 107, 112, 112A, 115, 124, 188, 195, 195A, 196, 213, 225, 243A, 251, 264, 272
2641.01		188, 213
2645.03	<u>ERYSIPELOTHRIX RHUSIOPATHIAE- PASTEURELLA MULTOCIDA BACTERIN</u>	196
	AVIAN ISOLATES TYPES 1 3 & 4	

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ESCHERICHIA COLI-PASTEURILLA</u> <u>MULTOCIDA-SALMONELLA</u> <u>CHOLERAESUIS BACTERIN</u>	
2650.00	PORCINE ISOLATES	112, 213, 225
	<u>ESCHERICHIA COLI-PASTEURILLA</u> <u>HAEMOLYTICA-MULTOCIDA-</u> <u>SALMONELLA TYPHIMURIUM</u> <u>BACTERIN</u>	
2651.00	BOVINE ISOLATES	112, 213, 225
	<u>HAEMOPHILUS GALLINARUM</u> <u>BACTERIN</u>	
2658.00		195
	<u>HAEMOPHILUS SOMNUS BACTERIN</u>	
2659.00		124
	<u>LEPTOSPIRA CANICOLA BACTERIN</u>	
2661.00		188
	<u>LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSE-HARDJO-</u> <u>ICTERHAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>	
2665.00		188, 189, 225
	<u>LEPTOSPIRA CANICOLA-</u> <u>ICTERHAEMORRHAGIAE BACTERIN</u>	
2671.00		52, 107, 112, 124, 188, 189, 195A, 213, 225, 227, 243A, 245A, 251, 264, 272
2671.01		189, 225, 272

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
2673.00	<u>LEPTOSPIRA CANICOLA- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	189, 213, 272
2675.00	<u>LEPTOSPIRA GRIPPOTYPHOSA BACTERIN</u>	188
2681.00	<u>LEPTOSPIRA GRIPPOTYPHOSA- HARDJO-POMONA BACTERIN</u>	124, 188, 189, 225
2688.00	<u>LEPTOSPIRA HARDJO-POMONA BACTERIN</u>	189
2691.00	<u>LEPTOSPIRA POMONA BACTERIN</u>	3, 52, 107, 112, 112A, 124, 188, 189, 195, 213, 225, 243A, 251, 264, 272
2691.01		188
2695.00	<u>LEPTOSPIRA POMONA-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u> BOVINE ISOLATES	124
2700.00	<u>PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN</u> BOVINE ISOLATES	52, 107, 112, 124, 213, 225, 243A, 251, 264, 272
2701.22	<u>PASTEURELLA MULTOCIDA BACTERIN</u> BOVINE & PORCINE ISOLATES 2CC DOSE	188

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
<u>CONTINUED</u>		
<u>PASTEURELLA MULTOCIDA BACTERIN</u>		
2701.52	BOVINE & PORCINE ISOLATES 5CC DOSE	188
2702.01	AVIAN ISOLATES TYPE 1 AQUEOUS	243
2702.03	AVIAN ISOLATES TYPES 1 3 & 4 AQUEOUS	243
2702.12	AVIAN ISOLATES TYPES 1 & 3 EMULSIFIED	240
2702.13	AVIAN ISOLATES TYPES 1 3 & 4 EMULSIFIED	195, 196, 226A, 240
<u>SALMONELLA DURLIN-TYPHIMURIUM</u>		
<u>BACTERIN</u>		
2821.00	BOVINE ISOLATES	52
<u>STAPHYLOCOCCUS AUREUS BACTERIN</u>		
2852.00		124
<u>STREPTOCOCCUS EQUI BACTERIN</u>		
2855.00		112
<u>VIBRIO ANGUILLARUM BACTERIN</u>		
2858.02		264, 264A, 277
<u>VIBRIO FETUS BACTERIN</u>		
2861.00	OVINE ISOLATES AQUEOUS	188

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	CONTINUED	
	<u>VIBRIO FETUS BACTERIN</u>	
2862.00	BOVINE ISOLATES AQUEOUS	52, 112A, 124, 251
2862.10	BOVINE ISOLATES EMULSIFIED	112, 188, 189
	<u>VIBRIO FETUS-LEPTOSPIRA POMONA BACTERIN</u>	
2865.00	BOVINE ISOLATES	52, 112A, 124
	<u>VIBRIO FETUS-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>	
2869.00	BOVINE ISOLATES AQUEOUS	124

# ANTISERUMS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CANINE DISTEMPER-HEPATITIS- LEPTOSPIRA CANICOLA ANTISERUM</u>	
3343.00	CANINE ORIGIN CONCENTRATE	195A
	<u>CORYNERACTERIUM PYOGENES- ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM CONCENTRATE</u>	
3400.00	BOVINE ISOLATES & ORIGIN	124
	<u>CORYNERACTERIUM PYOGENES- PASTEURELLA HAEMOLYTICA- MULTOCIDA ANTISERUM</u>	
3411.00	BOVINE ISOLATES & ORIGIN	213
3414.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	213
	<u>CORYNERACTERIUM PYOGENES- PASTEURELLA MULTOCIDA ANTISERUM</u>	
3501.00	BOVINE ISOLATES & ORIGIN	188
3501.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN	188
3504.00	BOVINE ISOLATES & ORIGIN CONCENTRATE	188
3504.02	BOVINE & PORCINE ISOLATES BOVINE ORIGIN CONCENTRATE	188



CODE

PRODUCT AND FORM

LICENSE NOS. OF PRODUCERS

DUCK VIRUS HEPATITIS YOLK  
ANTIBODY

3508.00 CHICKEN EGG ORIGIN 268

ERYSIPLOTHRIX RHUSIOPATHIAE  
ANTISERUM

3511.00 EQUINE ORIGIN 188, 213

3514.00 EQUINE ORIGIN 124  
CONCENTRATE

ESCHERICHIA COLI-PASTEURELLA  
MULTOCIDA-SALMONELLA  
TYPHIMURIUM ANTISERUM

3531.00 BOVINE ISOLATES & ORIGIN 112, 188, 251

FELINE PANLEUKOPENIA ANTISERUM

3551.00 112

NORMAL SERUM

3602.00 EQUINE ORIGIN 188

3603.00 FELINE ORIGIN 188, 195A

PASTEURELLA MULTOCIDA  
ANTISERUM

3701.00 BOVINE ISOLATES 251  
BOVINE ORIGIN

3701.02 BOVINE & PORCINE ISOLATES 188  
BOVINE ORIGIN

# VACCINES WITH BACTERINS/TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS			
	<u>BOVINE RHINOTRACHEITIS</u> <u>VACCINE -</u> <u>LEPTOSPIRA CANTICOLA-</u> <u>ICTEROHAEEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>				
4029.20 (11A9.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272			
	<u>BOVINE RHINOTRACHEITIS</u> <u>VACCINE -</u> <u>LEPTOSPIRA GRIPPOTYPHOSA-</u> <u>HARDJO-POMONA BACTERIN</u>				
4059.20 (11B9.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189			
	<u>BOVINE RHINOTRACHEITIS</u> <u>VACCINE -</u> <u>LEPTOSPIRA POMONA BACTERIN</u>				
4081.00 (1111.00)	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN	3			
4089.00 (1119.00)	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	52, 107, 112, 112A, 124, 188, 213, 225, 243A, 251, 264			
4089.20 (1119.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124, 189, 272			
	<u>BOVINE RHINOTRACHEITIS</u> <u>VACCINE -</u> <u>LEPTOSPIRA POMONA-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
4119.20 (11E9.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	124			

## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

BOVINE RHINOTRACHEITIS-  
PARAINFLUENZA 3 VACCINE -  
LEPTOSPIRA CANICOLA-  
ICTEROHAE-MORRHAGIAE-POMONA  
BACTERIN

4149.20  
 (11G9.20)

MODIFIED LIVE VIRUS  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

272

BOVINE RHINOTRACHEITIS-  
PARAINFLUENZA 3 VACCINE -  
LEPTOSPIRA GRIPPOTYPHOSA-  
HARDJO-POMONA BACTERIN

4179.20  
 (11H9.20)

MODIFIED LIVE VIRUS  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

189

BOVINE RHINOTRACHEITIS-  
PARAINFLUENZA 3 VACCINE -  
LEPTOSPIRA POMONA BACTERIN

4209.00  
 (1139.00)

MODIFIED LIVE VIRUS  
 TISSUE CULTURE ORIGIN  
 COMBINATION PACKAGE

112, 188, 213

4209.20  
 (1139.20)

MODIFIED LIVE VIRUS  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

272

4209.30  
 (1139.30)

MODIFIED LIVE VIRUS  
 TISSUE CULTURE AND  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

52

BOVINE RHINOTRACHEITIS-  
PARAINFLUENZA 3 VACCINE -  
LEPTOSPIRA POMONA-PASTEURELLA  
HAEMOLYTICA-MULTOCIDA BACTERIN

4239.20  
 (11K9.20)

MODIFIED LIVE VIRUS  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

124

## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

BOVINE RHINOTRACHEITIS-  
PARAINFLUENZA 3 VACCINE -  
PASTEURELLA HAEMOLYTICA-  
MULTOCIDA BACTERIN

4265.00  
 (1145.00)

KILLED VIRUS  
 TISSUE CULTURE ORIGIN

112, 124

4269.00  
 (1149.00)

MODIFIED LIVE VIRUS  
 TISSUE CULTURE ORIGIN  
 COMBINATION PACKAGE

213, 243A, 251, 264

4269.20  
 (1149.20)

MODIFIED LIVE VIRUS  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

272

BOVINE RHINOTRACHEITIS  
VACCINE -  
PASTEURELLA HAEMOLYTICA-  
MULTOCIDA BACTERIN

4299.20  
 (1119.20)

MODIFIED LIVE VIRUS  
 CELL LINE ORIGIN  
 COMBINATION PACKAGE

272

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA GRIPPOTYPHOSA-  
HARDJO-POMONA BACTERIN

4359.30  
 (1119.30)

MODIFIED LIVE VIRUS  
 CELL LINE AND  
 TISSUE CULTURE ORIGIN  
 COMBINATION PACKAGE

189

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA POMONA BACTERIN

4389.00  
 (1169.00)

MODIFIED LIVE VIRUS  
 TISSUE CULTURE ORIGIN  
 COMBINATION PACKAGE

188, 213, 243A

## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

## CONTINUED

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA POMONA BACTERIN

4389.30  
(1169.30)

MODIFIED LIVE VIRUS  
CELL LINE AND  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

107, 189

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA VACCINE -  
LEPTOSPIRA POMONA=PASTEURELLA  
HAEMOLYTICA=MULTOCIDA BACTERIN

4419.30  
(1109.30)

MODIFIED LIVE VIRUS  
CELL LINE AND  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

124

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA=PARAINFLUENZA 3  
VACCINE -  
LEPTOSPIRA GRIPPOTYPHOSA-  
HARDJO=POMONA BACTERIN

4479.30  
(1119.30)

MODIFIED LIVE VIRUS  
CELL LINE AND  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

189

BOVINE RHINOTRACHEITIS-  
VIRUS DIARRHEA=PARAINFLUENZA 3  
VACCINE -  
LEPTOSPIRA POMONA BACTERIN

4509.00  
(1189.00)

MODIFIED LIVE VIRUS  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

188, 213

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CONTINUED</u> <u>BOVINE RHINOTRACHEITIS-</u> <u>VIRUS DIARRHEA-PARAINFLUENZA 3</u> <u>VACCINE -</u> <u>LEPTOSPIRA POMONA BACTERIN</u>	
4509.30 (1189.30)	MODIFIED LIVE VIRUS CELL LINE AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	189
	<u>BOVINE RHINOTRACHEITIS-VIRUS</u> <u>DIARRHEA-PARAINFLUENZA 3</u> <u>VACCINE -</u> <u>PASTEURILLA HAEMOLYTICA-</u> <u>MULTICIDA BACTERIN</u>	
4539.00 (1199.00)	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	213, 243A, 264
	<u>BOVINE VIRUS DIARRHEA</u> <u>VACCINE -</u> <u>LEPTOSPIRA POMONA BACTERIN</u>	
4599.00 (1219.00)	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188
4599.20 (1219.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	107
	<u>CANINE DISTEMPER-ADENOVIRUS</u> <u>TYPE 2 VACCINE -</u> <u>LEPTOSPIRA BACTERIN</u>	
4629.20 (1389.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189

## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

CANINE DISTEMPER-ADENOVIRUS  
TYPE 2-PARAINFLUENZA VACCINE -  
LEPTOSPIRA BACTERIN

4659.20 (13D9.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	189
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CANINE DISTEMPER-HEPATITIS  
VACCINE -  
LEPTOSPIRA BACTERIN

4681.20 (1321.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN	272
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4685.50 (1325.50)	KILLED VIRUS CANINE ORIGIN	195A
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4689.00 (1329.00)	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	107, 112, 195A, 213, 225, 243A, 251
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4689.20 (1329.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	107, 124, 189, 227, 264, 272
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4689.30 (1329.30)	MODIFIED LIVE VIRUS TISSUE CULTURE AND CELL LINE ORIGIN COMBINATION PACKAGE	227
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4689.40 (1329.40)	MODIFIED LIVE VIRUS CHICKEN EMBRYO AND TISSUE CULTURE ORIGIN COMBINATION PACKAGE	188
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CANINE DISTEMPER VACCINE -  
LEPTOSPIRA BACTERIN

4749.00 (1349.00)	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	195A, 251
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CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>CONTINUED</u> <u>CANINE DISTEMPER VACCINE -</u> <u>LEPTOSPIRA BACTERIN</u>	
4749.20 (1349.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	272
	<u>CANINE DISTEMPER-HEPATITIS-</u> <u>PARAINFLUENZA VACCINE -</u> <u>LEPTOSPIRA BACTERIN</u>	
4809.00 (1399.00)	MODIFIED LIVE VIRUS TISSUE CULTURE ORIGIN COMBINATION PACKAGE	195A
4809.20 (1399.20)	MODIFIED LIVE VIRUS CELL LINE ORIGIN COMBINATION PACKAGE	107, 189, 264, 272
	<u>ENCEPHALOMYELITIS-INFLUENZA</u> <u>VACCINE -</u> <u>TETANUS TOXOID</u>	
4835.41 (14D5.41)	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE AND CHICKEN EMBRYO ORIGIN	52
	<u>ENCEPHALOMYELITIS VACCINE -</u> <u>TETANUS TOXOID</u>	
4865.00 (1495.00)	EASTERN WESTERN KILLED VIRUS TISSUE CULTURE ORIGIN	52, 112
4865.33 (1495.33)	EASTERN WESTERN VENEZUELAN KILLED VIRUS TISSUE CULTURE AND CELL LINE ORIGIN	107



## CODE

## PRODUCT AND FORM

## LICENSE NOS. OF PRODUCERS

EQUINE INFLUENZA VACCINE -  
TETANUS TOXOID4895.10  
(1515.10)KILLED VIRUS  
CHICKEN EMBRYO ORIGIN

112

MINK DISTEMPER-ENTERITIS  
VACCINE -  
CLOSTRIDIUM BOTULINUM TYPE C  
BACTERIN-TOXOID4929.00  
(1679.00)MODIFIED LIVE AND  
KILLED VIRUS  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

165

MINK ENTERITIS VACCINE -  
CLOSTRIDIUM BOTULINUM TYPE C  
BACTERIN-TOXOID4955.00  
(1695.00)KILLED VIRUS  
TISSUE CULTURE ORIGIN

165, 245

PARAINFLUENZA 3 VACCINE -  
LEPTOSPIRA POMONA BACTERIN4989.00  
(1859.00)MODIFIED LIVE VIRUS  
TISSUE CULTURE ORIGIN  
COMBINATION PACKAGE

188

# DIAGNOSTICS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ALEUTIAN DISEASE</u> <u>COUNTERELECTROPHORESIS ANTIGEN</u>	
5005.00	MINK ORIGIN	245
	<u>BRUCELLA ABORTUS ANTIGEN</u>	
5011.00	STAINED ANTIGEN	107
	<u>CANINE BRUCELLOSIS</u> <u>AGGLUTINATION ANTIGEN &amp;</u> <u>REAGENT SERUM</u>	
5021.00	CANINE ORIGIN	264
	<u>LEPTOSPIRA CANTICOLA ANTIGEN</u>	
5051.00		112
	<u>LEPTOSPIRA GRIPPOTYPHOSA</u> <u>ANTIGEN</u>	
5053.00		112
	<u>LEPTOSPIRA HARDJO ANTIGEN</u>	
5055.00		112
	<u>LEPTOSPIRA ICTERODHAEMORRHAGIAE</u> <u>ANTIGEN</u>	
5057.00		112
	<u>LEPTOSPIRA POMONA ANTIGEN</u>	
5059.00		112
	<u>MYCOPLASMA GALLISEPTICUM</u> <u>ANTIGEN</u>	
5071.00	S-6 SEROTYPE PLATE	195

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>MYCOPLASMA MELEAGRIDIS ANTIGEN</u>	
5072.00	H-SEROTYPE PLATE	195
	<u>MYCOPLASMA SYNOVIAE ANTIGEN</u>	
5073.00	S-SEROTYPE PLATE	195
	<u>PULLORUM ANTIGEN</u>	
5201.00	MICROTEST	273
5206.00	STAINED ANTIGEN K POLYVALENT	195, 196
5208.00	TUBE	196
	<u>TUBERCULIN</u>	
5301.00	MAMMALIAN HUMAN ISOLATES INTRADERMIC	107
5302.00	PPD BOVIS INTRADERMIC	107
	<u>BOVINE LEUKEMIA GLYCOPROTEIN IMMUNODIFFUSION ANTIGEN &amp; REAGENT AND REFERENCE SERUMS</u>	
5505.20	CELL LINE ORIGIN BOVINE ORIGIN	264
	<u>EQUINE INFECTIOUS ANEMIA IMMUNODIFFUSION ANTIGEN &amp; REAGENT SERUM</u>	
5515.20	CELL LINE ORIGIN EQUINE ORIGIN	264

# ANTITOXINS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>ANTIVENIN</u>	
6101.00	(CROTALIDAE) POLYVALENT EQUINE ORIGIN	112B
	<u>CLOSTRIDIUM PERFRINGENS TYPE D ANTITOXIN</u>	
6201.00		188
	<u>CLOSTRIDIUM PERFRINGENS TYPE C ANTITOXIN</u>	
6211.00		188, 251
	<u>CLOSTRIDIUM PERFRINGENS TYPES C &amp; D ANTITOXIN</u>	
6220.00	BOVINE ORIGIN	213
6221.00	EQUINE ORIGIN	124, 188, 243A, 251
	<u>TETANUS ANTITOXIN</u>	
6302.00	EQUINE ORIGIN	52, 107, 112, 188, 243A, 251

## BACTERIN-TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
7211.00	<u>CLOSTRIDIUM BOTULINUM TYPE C</u> <u>BACTERIN-TOXOID</u>	165, 245
7212.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM</u> <u>BACTERIN-TOXOID</u>	189
7215.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI BACTERIN-TOXOID</u>	52, 107, 112A, 115, 124, 188
7215.01		124
7216.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-SORDELLII</u> <u>BACTERIN-TOXOID</u>	52, 107, 112A, 124, 213, 225, 272
7217.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-SORDELLII-PERFRINGENS</u> <u>TYPES C &amp; D BACTERIN-TOXOID</u>	107, 124, 225
7219.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-LEPTOSPIRA POMONA</u> <u>BACTERIN-TOXOID</u>	107, 124
7220.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>NOVYI-SORDELLII-LEPTOSPIRA</u> <u>POMONA BACTERIN-TOXOID</u>	107

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
7221.00	<u>CLOSTRIDIUM NOVYI</u> <u>BACTERIN-TOXOID</u>	188
7223.00	<u>CLOSTRIDIUM NOVYI-SORDELLII</u> <u>BACTERIN-TOXOID</u>	52
7231.00	<u>CLOSTRIDIUM NOVYI-SORDELLII-</u> <u>PERFRINGENS TYPES C &amp; D</u> <u>BACTERIN-TOXOID</u>	107, 124
7351.00	<u>CLOSTRIDIUM PERFRINGENS TYPE C</u> <u>BACTERIN-TOXOID</u>	112A, 213, 225, 272
7353.00	<u>CLOSTRIDIUM PERFRINGENS TYPE D</u> <u>BACTERIN-TOXOID</u>	52, 112A, 115, 213, 225, 272
7354.00	<u>CLOSTRIDIUM PERFRINGENS TYPES</u> <u>C &amp; D BACTERIN-TOXOID</u>	52, 112, 112A, 115, 213, 225, 272
7401.00	<u>STAPHYLOCOCCUS AUREUS</u> <u>BACTERIN-TOXOID</u>	107

# TOXOIDS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
8101.00	<u>CLOSTRIDIUM PERFRINGENS TYPE C</u> <u>TOXOID</u>	52, 107, 124, 189, 251
8201.00	<u>CLOSTRIDIUM PERFRINGENS TYPES</u> <u>C &amp; D TOXOID</u>	107, 124, 189
8301.00	<u>CLOSTRIDIUM PERFRINGENS TYPE D</u> <u>TOXOID</u>	52, 107, 112, 124, 189, 251
8305.00	<u>CLOSTRIDIUM PERFRINGENS TYPE</u> <u>D-TETANUS TOXOID</u>	112
8601.00	<u>TETANUS TOXOID</u>	52, 107, 112, 188, 225

# MISCELLANEOUS PRODUCTS

CODE	PRODUCT AND FORM	LICENSE NOS. OF PRODUCERS
	<u>FLEA ANTIGEN</u>	
9511.00	DESENSITIZING	52
	<u>ALLERGENIC EXTRACT</u>	
9521.00	HOUSE DUST	259, 270
9522.01	MIXED RAGWEED	259
9522.02	MIXED TREES	259, 270
9522.03	MIXED GRASSES	259, 270
9522.04	MIXED WEEDS	259, 270
9523.00	MIXED MOLDS	259
9524.00	MIXED INHALANTS	259
9525.00	FLEA ANTIGEN	259
9527.00	MIXED EPIDERMALS	259, 270
9528.00	MIXED INSECTS	259
9531.00	PRESCRIPTION PRODUCT	259
9532.00	INTRADERMAL TEST KIT	259





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